GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:1902
ANSWERED ON:28.07.2016
Uninterrupted Flow of Rivers
Bharathi Mohan Shri R.K.

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether the Government has any plan to ensure cleanliness and uninterrupted flow of water in rivers across the country and also has any modern technology to channelize the surplus water in rivers during rain fall season and if so, the details thereof; and

(b) the expenditure incurred on rejuvenation of Ganga and other major rivers including Cauvery in the country till the end of last year along with the success achieved in this regard so far?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(DR. SANJEEV KUMAR BALYAN)

(a) & (b) Yes, Madam. Ministry of Environment, Forests & Climate Change (MoEF&CC) has been supplementing the efforts of the State Governments in abatement of pollution in identified stretches of various rivers including Cauvery under the National River Conservation Plan (NRCP). NRCP has covered polluted stretches of 31 rivers (excluding Ganga and its tributaries) in 75 towns spread of 14 States at a sanctioned cost of Rs.4517.82 crores, as per details at Annexure-I.

For the works related to Ganga and its tributaries, the Central Government has introduced Namami Gange programme, an Integrated Ganga Conservation Mission/ Programme under National Ganga River Basin Authority (NGRBA) in 2014, to integrate previous and ongoing initiatives by enhancing efficiency, extracting synergies and supplementing them with more comprehensive and better coordinated interventions.
Till 30th June 2016, 97 projects have been sanctioned under Namami Gange programme (including the existing projects sanctioned under NGRBA programme) in 53 towns at an estimated project cost of Rs.8588.21 crores towards cleaning of the river Ganga. Out of these 12 projects are sanctioned exclusively under new components of Namami Gange programme at a cost of Rs 351.42 Crores. Out of 97 projects, 32 have been completed. The projects cover Sewerage and Sanitation; River Front Develo9p;ment (RFD); Water quality Monitoring of river Ganga; Ganga Knowledge Centre; Educating Schools and communities for conserving habitat of |Ganga river Dolphin; and "forestry Intervention for river Ganga".
United Nations Development Programme(UNDP) has been engaged for rural sanitation initiatives for Ganga rejuvenation in Jharkhand for a) improved sanitation, b) sanitation linked livelihood activities, c) capacity building in 78 villages along Ganga in Jharkhand.
The expenditure incurred on rejuvenation of river Ganga from 2011-12 to 2015-16 is at Annexure-II. State-wise breakup & status of the 86 NGRBA projects on 'Sewerage & Sanitation' and "River Front Development" is enclosed at Annexure-III.
To channelize the surplus water in rivers in rainfall season, measures generally adopted by various State Governments while formulating the project proposals are as under :-

â€¢ Surplus water in rainfall season is stored in storage dams and the same is released downstream at a controlled rate for the desired purpose.
â€¢ Earthen dykes and afflux bunds along the river course, spurs and gryones projecting from river banks, re-sectioning (widening and deepening of the river channel).

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Annexure-I
(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)

Details of rivers/States covered under National River Conservation Plan and Sanctioned Cost
Serial Number of River Name of River Name of State Sanctioned Cost
(Rs. in crore)
1,2 Adyar & Cooum Tamil Nadu 404.25
3,4 Beas & Satluj Punjab 717.32
5 Bhadra, Karnataka 3.77
6 Brahmini, Odisha 4.25
7 Cauvery, Tamil Nadu & Karnataka 269.10
8 Diphu and Dhansiri Nagaland 82.80
9 Ghaggar Punjab 57.11

10 Godavari Andhra Pradesh, Maharashtra & Telangana 118.98
11 Krishna Maharashtra 28.74
12 Mahanadi Odisha 8.04
13 Mandovi Goa 14.10
14 Mindola Gujarat 262.13
15 Musi Telangana 335.66
16 Mula Mutha Maharashtra 990.26
17 Narmada Madhya Pradesh 14.33
18 Pamba Kerala 18.45
19 Panchganga Maharashtra 74.29
20 Pennar Karnataka 46.27
21 Rani Chu Sikkim 181.09
22 Sabarmati Gujarat 546.40
23 Subarnarekha Jharkhand 3.14
24 Tamrabarani Tamil Nadu 54.93
25 Tapi Maharashtra 2.44
26 Tapti Madhya Pradesh 4.81
27 Tunga Karnataka 3.70
28 Tungabhadra Karnataka 7.16
29 Vaigai Tamil Nadu 120.09
30 Vennar Tamil Nadu 62.75
31 Wainganga Madhya Pradesh 1.01
Sub total 4437.37

Coastal Area (Puri) Odisha 80.45
Grant Total : 4517.82

Annexure-II
(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)

Expenditure incurred on rejuvenation of Ganga till 2015-16

Rs. In Crore
FY BE RE Actual Expenditure by
Govt. of India
2011-12 500.00 216.61 192.58
2012-13 512.50 193.50 191.52
2013-14 355.00 309.00 303.95
2014-15 2,137.00 2,053.00 326.00
2015-16 2,750.00 1,650.00 1,632.00
Total 6,254.50 4,422.11 2,646.05

Annexure-III
(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)
Progress Status of NGRBA Projects in the Basin States (As on 31st May, 2016)
Sl. No. State / Organisation Total sanctioned costs STP capacity to be created (in mld) Creation of capacity through rehabilitation of old STP (in mld) STP capacity created (in mld) Sewer network to be laid (in Km) Sewer network laid (Km) Expenditure till March, 2016
Rs. in crore Release of fund Total Expenditure
Rs. in crore Total No. of projects No. of Projects physically completed
Total
1 Uttarakhand (23 projects in 12 towns) 455.13 78.80 21.50 146.43 70.07 90.20 90.31 90.31 23 4
2 Uttar Pradesh (15 projects in 8 towns) 2256.01 335.90 105.00 1255.68 446.91 823.59 888.03 861.31 15 3
3 Bihar (14 projects in 5 towns) 2155.62 218.00 64.00 1243.43 140.00 148.43 182.23 156.12 14
4 Jharkhand (1 project in 1 town) 99.36 12.00 55.00 0.00 0.78 67.18 12.57 1
5 West Bengal (30 projects in 24 towns) 1352.51 93.53 842.72 150.64 547.02 576.28 576.31 30 24
Sub Total (Ganga) 6318.63 738.23 64.00 126.50 3543.26 807.62 1610.02 1804.03 1696.62 83 31
6 Haryana (2 Projects in 2 towns) 217.87 70.00 75.00 40.96 25.62 159.89 88.66 159.89 2
7 Delhi (1 project in 1 town) 1655.91 950.00 42.92 13.19 12.08 13.19 1
Sub Total (Yamuna) 1873.78 70.00 1025.00 83.88 25.62 173.08 100.74 173.08 3
Total - Infrastructure) 8192.41 808.23 1089.00 126.50 3627.14 833.24 1783.10 1904.77 1869.70 86.00 28.00